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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nigel Griffin, et al.

Serial No.: 1

10/604,210

Filed:

July 1, 2003

For:

High Volume Density Polycrystalline Diamond

With Working Surfaces Depleted of Catalyzing §

Material

Art Unit No.: 1775

Examiner: Turner

Docket No.: 78.1081-1.4

June 7, 2004

Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

## CERTIFICATE OF MAILING 37 C.F.R. 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-

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## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO/SB/08A be considered by the Examiner and made of record. This is a continuation of US Patent Application Serial No. 10/065,363, filed October 9, 2002, which is a divisional of US Patent Application Serial No. 09/682,419, filed August 30, 2001. Copies of the patents in this Information Disclosure Statement are included in the latter case file.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined 37 C.F.R. § 1.56(b) exists. Furthermore, pursuant to 37 C.F.R. § 1.97(h), the filing of this statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is filed in accordance with 37 C.F.R. 1.97 (b). The Commissioner is hereby authorized to charge the \$180 fee under 37 CFR 1.17(p), and any additional fees that may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 180584. If there are any questions concerning the above, please contact the undersigned at (832) 681-8623.

Respectfully submitted,

Day E Sel

Jeffery E. Daly

Reg. No. 44,640 Customer No. 26932

Grant Prideco, L.P. 1330 Post Oak Blvd., Suite 2700 Houston, TX 77056

Ph: 832.681.8623 Fax: 832.681.8699

e-mail: jeff.daly@grantprideco.com

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known					
Application Number	10/604,210				
Filing Date	7/1/2003				
First Named Inventor	Griffin et al				
Group Art Unit	1778				
Examiner Name	Tume/				
Attorney Docket Number	78.1081-1.4				

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Examiner Initials	Çita No.1	U.S. Patent Number	Document Kind Code <sup>a</sup> (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Celumns, Lines. Where Relevant Passages or Relevant Figures Aspaur
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents, <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.S). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must pracede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 2 of 6

Complete If Known							
Application Number	10/604,210						
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First Named Inventor	Griffin et al						
Group Art Unit	1775						
Examiner Name	Tumer						
Attomey Docket Number	78.1081-1.4						

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	6	

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Application Number	10/604,210					
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Group Art Unit	1775					
Examinar Name	Tumer					
Attorney Docket Number	78.1081-1.4					

				U.S. PATENT DOCU	JMENTS	
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of Sheet

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Application Number	10/604,210		
Filing Date	7/1/2003		
First Named Inventor	Griffin et al		
Group Art Unit	1775		
Examiner Name	Turner		
Attorney Docket Number	78.1081-1.4		

				U.S, PATENT DOCI	JMENTS	
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			Foreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relovent	
Examiner Initials'	Cite No. <sup>1</sup>	Office3	Number <sup>4</sup>	Kind Cade <sup>s</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Possages or Relevant Figures Appear	T⁵
		EP	0300699	A2	Smith International Inc.	01/25/1989		Ι.
_		EP	0329954	B1	General Electric Company	08/18/1993		
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<b>-</b>	_	EP	0595630	B1	CSIR	01/07/1998		
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<del>                                     </del>	-	EP	0617207	A3	DeBeers Industrial	09/28/1994		_
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	t	EP	0860515	A1	DeBeers industrial	08/26/1998		1_
-		UK	2048927	A	DeBeers Industriel	12/17/1980		

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INFORMATION DISCLOSURE

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Sheet 5 of 6

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Sheet	6	of	6	Attorney Docket Number	78.1081-1.4

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		Translation of Japanese Unexamined Patent Application No. S59-219500, "Diamond Sintering and Processing Method," SHUJI YATSU and TETSUO NAKAI, inventors; Application published December 10, 1984; Applicant: Sumitomo Electric Industries Co. Ltd.			
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<sup>&</sup>lt;sup>4</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a sheek mark here if English language Translation is attached.



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